

# Pulsarlube KLT Standard Grease Chart

\* Grease specifications for the market of South Korea

Date	Feb. 2024
Rev. #	14
Remark	WEB

Typical Properties		ASTM #	PL1	PL2	PL3	PL5	PL7	PL10	PL12	PL14s
Main Application			Multipurpose	Heavy Duty	High Speed	High Temperature	Low Temperature	Motor Bearing	Heavy Duty	Food Grade
NLGI Grade		D217	2	1	1.5	1	1	2	1	2
Worked Penetration @25°C			265~295	310~340	305~310	310~340	340	285	310~340	265~295
Dropping point, °C		D2265	> 210	249	> 185	> 260	301	260	> 316	> 316
Thickener Type			Lithium Complex	Aluminum	Lithium	Polyurea	Lithium Complex	Polyurea	Calcium sulfonate	Calcium Sulfonate Complex
Color, Visual			Yellow	Black	Yellowish Brown	Beige	Gold	Blue	Tan	White
Base Oil Type			Mineral	Mineral	Mineral	Mineral	Synthetic	Mineral	Mineral	Synthetic
Four Ball EP, Weld Load (kg, kgf)		D2596	> 400	500	> 400	> 200	250	-	500	400
Four Ball Wear, Scar Dia.(mm)-		D2266	-	-	-	-	0.52	0.41	0.50	0.5
Kinematic Viscosity, cSt	@ 40°C	D445 D2161	215~225	300~310	175~185	420~430	130	115	220	220
	@ 100°C		-	-	14.0	-	15.6	12.2	-	25.53
Operating Temperature Range, °C			-30~160	-15~160	-30~130	-15~160	-40~170	-20~160	-20~160	-40~200
Operating Temperature Range, °F			-22~320	5~320	-22~266	5~320	-40~338	-4~320	-4~320	-40~392